

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:12 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 039 Const Calendar Day: 540 Date: 02-Mar-2011 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 10:00 AM 10:30 PM Break: 00:30 Over Time: 04:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 09-Mar-11 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Tower Activities

Grillage welding:

Welding the bottom cover plate was ongoing today. Sanny Khaw was covering this operation. See his diary for details for the entire shift. I checked in on this operation from 10:00 until 13:00 to make sure that they are following the weld sequencing plan. From what I observed, they appeared to be following their sequencing plan. However, even when following their sequencing plan, some of the partially completed welds have cracked.

The welds that cracked were the partially completed (about 3 passes each) CJP welds identified as welds #3 and #7 on ABF's weld sequencing plan. The crack in weld #3 was 200mm in length. The crack in weld #7 is the entire length of the weld. I spoke with ABF QCM Jim Bowers, and METS inspector Bill Levell regarding the plan for repair. Bowers said that ABF plans to remove these entire welds, and re-weld them from scratch. A critical weld repair (CWR) submittal will be coming in PMIV shortly. I asked about the timing of the repair, and Bowers said that they plan to complete the PJP welding and some of the other CJP welds prior to starting the repair. I mentioned that the full length crack cannot not spread any more, but that they should monitor the shorter length crack to see if it grows into a potential bigger problem (like running under the PJP). If this is the case, then they want to excavate the crack sooner. Also, he mentioned that this area was anticipated to be the highest stressed area, so this was not a total surprise. He mentioned that they do not plan change their weld sequence going forward.

Tower Lift 4 North erection:

Lift 4 North shaft was being erected today. Below is a timeline of erection activities:

- When I arrived in the field at 13:00, shaft tip-up had just begun.
- The shaft was vertical and unbolted at 16:00, and vertical climbing started.
- The shaft continued vertically without incident until the end of my shift.
- At the end of my shift at 22:00, the shaft was at 80m. See Saman Soheilifard's diary for a continuation of erection activities.

Elevation 33m:

Bolting of A490M bolts was ongoing throughout the shift. Ae Tern was covering this operation for most of the day. See his diary for details. I covered this work only from 15:00 until 17:30. They were only pinning and installing bolts during that time.

Elevation 43m:



ddrRptbyBidItem

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Wright, Doug

Diary #: 039

Date: 02-Mar-2011 Wednesday

Bolting of A490M bolts was ongoing throughout the shift. Sami Daouk was covering this operation for most of the day. See his diary for details. I covered this work only from 15:00 until 17:30. They were snug tightening and tensioning the flange bolts on the inside of the West shaft.

Other work:

Portions of the access platforms at Elevation 119m were being installed today. Only the portions that would not interfere with the erection of the North and East shafts were put into place.

04-0120F4 Bid Item: 053 T-L02-STW.053 Tower Lift 02 Strut West Erect structural steel (bridge tower)
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 053 T-L04-TSW.053 Tower Lift 04 Tower SW Erect structural steel (bridge tower)
AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	JAIME BARRAGAN	8.00	4.00	0.00	12.00		<input type="checkbox"/>
Operator	OTH	NICOLAUS SHAFER	8.00	4.00	0.00	12.00		<input type="checkbox"/>
Ironworker	APP	JEFFERY STEWART	8.00	4.00	0.00	12.00		<input type="checkbox"/>
Ironworker	APP	JACOB MECHE	8.00	4.00	0.00	12.00		<input type="checkbox"/>
Ironworker	JNM	ANTHONY COSTA	8.00	4.00	0.00	12.00		<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	8.00	4.00	0.00	12.00		<input type="checkbox"/>
Ironworker	JNM	KEVIN RATCLIFF	8.00	4.00	0.00	12.00		<input type="checkbox"/>
Ironworker	FOR	CARLOS VALVERDE	8.00	4.00	0.00	12.00		<input type="checkbox"/>